## 410 Rec'd PCT/PTO 13 SEP 2001

|  | DMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER  MAHLAB=2             |  |  |  |  |  |  |
|--|-------------------------------------|--|--|--|--|--|--|--|
| TRANMITTAL LETTER TO THE UNITED STATES   |                                     | U.S. APPLICATION NO. (If known see 37 CFR 1.5) |  |  |  |  |  |  |
| DESIGNATED/ELECTED OFFICE (DO/EO/US)   |                                     | ,        |  |  |  |  |  |  |
| CONCERNING A FILING UNDER 35 U.S.C. 371  |                                     | 09/936440                                      |  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO   | INTERNATIONAL FILING DATE           | PRIORITY CLAIMED                               |  |  |  |  |  |  |
| PCT/IL01/00063   | 23 January 2001                     | 25 January 2000                                |  |  |  |  |  |  |
| TITLE OF INVENTION   |                                     |  |  |  |  |  |  |  |
| METHOD AND APPARATUS FOR ROUTING DATA-CARRYING OPTICAL SIGNALS   |                                     |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO'EO/US<br>Uri MAHLAB  |                                     |  |  |  |  |  |  |  |
| UNIMARLAD  |                                     |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information    IX  This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. |                                     |  |  |  |  |  |  |  |
| Items 11. to 16. below concern docum   |                                     |  |  |  |  |  |  |  |
| 11. [ ] An Information Disclosure Statement under 37 CFR 1 97 and 1.98  12. [ ] An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3 28 and 3 31 is included                   |                                     |  |  |  |  |  |  |  |
| 12. [ ] An Assignment document for recording. A separate cover sneet in compliance with 37 CPR 3 28 and 3 31 is included  13. [X] A FIRST preliminary amendment  |                                     |  |  |  |  |  |  |  |
| [X] A SECOND or SUBSEQUENT preliminary amendment.  |                                     |  |  |  |  |  |  |  |
| 14. [] A substitute specification.   |                                     |  |  |  |  |  |  |  |
| 15. [ ] A change of power of attorney and/or address letter 16. [X] Other items or information:  |                                     |  |  |  |  |  |  |  |
| [X] Courtesy copy of the International Application as filed  |                                     |  |  |  |  |  |  |  |
| [X] Courtesy copy of the first page of the International Publication (WO 01/56230) [X] Formal drawings, 5 sheets, Figures 1-5.   |                                     |  |  |  |  |  |  |  |
| [X] Application Data Sheet   |                                     |  |  |  |  |  |  |  |
| [X] The application is (or will be) assigned to LIGHTSCAPL NETWORKS LTD, whose address is 30 Hasivim Street, Petach Tikva 49517, Israel  |                                     |  |  |  |  |  |  |  |
|  |                                     |  |  |  |  |  |  |  |

| U.S. APPLICATION NO (If known, see 37 CFR 1  |                                  | International Application No PCT/IL01/00063 |           | Attorney's Docket No MAHLAB=2 |          |  |  |  |
|--|----------------------------------|---|-----------|-------------------------------|----------|--|--|--|
| na1936441  | 0   202/2                        |   |           | 124122                        |          |  |  |  |
| 17. [xx] The following fees are submitted:  BASIC NATIONAL FEE (37 CFR 1.492 (a)(1) –(5):  CALCULATIONS PTO USE ONLY   |                                  |   |           |                               |          |  |  |  |
| Neither international preliminary examination fee (37 CFR 1 482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO   |                                  |   |           |                               |          |  |  |  |
| and International Search Report not pr   |                                  | ļ   |           |                               |          |  |  |  |
| International preliminary examination USPTO but International Search Repo  |                                  |   |           |                               |          |  |  |  |
| International preliminary examination international search fee (37 CFR 1 44  |                                  |   |           |                               |          |  |  |  |
| International prelumnary examination but all claims did not satisfy provision  |                                  |   |           |                               |          |  |  |  |
| International preliminary examination and all claims satisfied provisions of   |                                  |   |           |                               |          |  |  |  |
| ENTER APPROPRIATE BASIC FEE AMOUNT =   |                                  |   |           | \$ 860.00                     |          |  |  |  |
| Surcharge of \$130.00 for furnishing the   | \$ 130.00                        |   |           |                               |          |  |  |  |
| months from the earliest claimed priori  | ty date (37 CFR 1.  Number Filed | 492(e))<br>Number Extra                     | Rate      |                               |          |  |  |  |
| Total Claims   | 23 - 20                          | 3   | X \$18.00 | \$ 54.00                      |          |  |  |  |
| fridependent Claims  | 13 - 3                           | 10  | X \$80.00 | \$ 800,00                     |          |  |  |  |
| Multiple Dependent Claums (if applical   | ble)                             |   | +\$270.00 | \$                            |          |  |  |  |
| TOT  | AL OF ABOV                       | E CALCULA                                   | TIONS =   | \$1,844.00                    |          |  |  |  |
| Claims After Post Filing Prel Amend  | Number Filed                     | Number Extra                                | Rate      |                               |          |  |  |  |
| Total Claims   | 43 - 23                          | 20  | X \$18 00 | \$ 360.00                     |          |  |  |  |
| Andependent Claims   | 13 - 13                          | . 0   | X \$78 00 | \$                            |          |  |  |  |
| TOTAL OF ABOVE CALCULATIONS =  Reduction of ½ for filing by small entity, if applicable Applicant claims small entity  |                                  |   |           | \$2,204.00                    |          |  |  |  |
| status. See 37 CFR 1 27  | \$                               |   |           |                               |          |  |  |  |
| SUBTOTAL =   |                                  |   |           | \$2,204.00                    |          |  |  |  |
| Processing fee of \$130.00 for furnishing months from the earliest claimed priori  | \$                               |   |           |                               |          |  |  |  |
| TOTAL NATIONAL FEE =   |                                  |   |           | \$2,204.00                    |          |  |  |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)) The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property +   |                                  |   |           | \$                            |          |  |  |  |
| TOTAL FEES ENCLOSED =  |                                  |   |           | \$2,204.00                    |          |  |  |  |
|  | 10.                              | TABLE BITTE                                 | LOSED     | Amount to be:                 | \$       |  |  |  |
|  |                                  |   |           | refunded                      | <b>"</b> |  |  |  |
|  |                                  |   |           | charged                       | \$       |  |  |  |
| a. [] A check in the amount of \$\frac{1}{2000}\$ to cover the above fees is enclosed.   |                                  |   |           |                               |          |  |  |  |
| b. [X] Credit Card Payment Form (PTO-2038), authorizing payment in the amount of \$ 2,204.00, is attached c. [ Please charge my Deposit Account No. 02-4035 in the amount of \$ to cover the above fees A duplicate copy of this sheet is enclosed |                                  |   |           |                               |          |  |  |  |
| d. [XX] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4035. A duplicate copy of this sheet is enclosed  |                                  |   |           |                               |          |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  |                                  |   |           |                               |          |  |  |  |
| SEND ALL CORRESPONDENCE TO   |                                  |   |           | SIGNATURE SIGNATURE           |          |  |  |  |
| BROWDY AND NEIMARK, P.L.L.C.   |                                  |   |           | Roger L Browdy                |          |  |  |  |
| 624 NINTH STREET, N.W., SUITE 300  |                                  |   |           | NAME                          |          |  |  |  |
| WASHINGTON, D.C. 20001   |                                  |   |           | 25,618                        |          |  |  |  |
| TEL: (202) 628-5197<br>FAX: (202) 737-3528   | REGISTRATION NUMBER              |   |           |                               |          |  |  |  |
| Date of this submission September 13, 2001   |                                  |   |           |                               |          |  |  |  |
| Form PTO-1390 (as slightly revised by Browdy a   | Page 2                           | of 2  |           |                               |          |  |  |  |